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PTO/SB/21 (09-04)

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Total Number of Pages in This Submission

Application Number

10/669940

Filing Date

September 24, 2003

First Named Inventor

Peter Francis Carcia Et. Al.

Art Unit

1765

Examiner Name

Attorney Docket Number

CL2173 US NA

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	E. I. DU PONT DE NEMOURS AND COMPANY		
Signature			
Printed name	Barbara C. Siegell		
Date	10/15/04	Reg. No.	30,684

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

PETER FRANCIS CARCIA ET. AL.

CASE NO.: CL2173 US NA

APPLICATION NO.: 10/669940

CONFIRMATION NO.: 4615

GROUP ART UNIT: 1765

EXAMINER:

FILED: SEPTEMBER 24, 2003

FOR: ZINC OXIDE SEMICONDUCTOR THIN FILM TRANSISTORS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
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Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08. A copy of the information is also enclosed.

A translation of non-English language information is enclosed or a concise explanation is (i) set forth in the specification, (ii) set forth in the enclosed English language version of a search report citing such reference, or (iii) set forth below.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

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Dated: 10/14/04

Enclosures



PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE  
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Sheet 1 of 1

**Complete if Known**

Application Number	10/669940
Filing Date	September 24, 2003
First Named Inventor	PETER FRANCIS CARCIA ET. AL.
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Examiner Name	
Attorney Docket Number	CL2173 US NA

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Ohtomo, et al., "Novel Semiconductor Technologies of ZnO Films Towards Ultraviolet LEDs and Invisible FETs", IEICE Trans. Electron., (2000), pages 1614-1617, Volume E83-C, No. 10	<input type="checkbox"/>
		Maniv, et al., "Transparent conducting zinc oxide", J.Vac. Sci. Technol. A., (1983), Vol. 1, No. 3	<input type="checkbox"/>
		Haartsen, et al., "The Junction Fet Used as a Saw Detector in Zn-SiO <sub>2</sub> -Si Structures", Ultrasonics Symposium, (1989), pages 207-211, The Netherlands	<input type="checkbox"/>
		Ohya, et al., "Thin Film Transistor of ZnO Fabricated by Chemical Solution Deposition", J. Appl. Phys., (2001), pages 297-298, Volume 40, Japan	<input type="checkbox"/>
		S. Giancaterina, et al., "Elaboration and adhesion of zinc oxide coatings on poly-ether-ether-ketone films", Surface and Coatings Technology, Elsevier Science, (2001), Volume 138, France	<input type="checkbox"/>
		Fortunato, et al., "Characterization of Zinc Oxide Thin Films Deposited by rf Magnetron Sputtering on Mylar Substrates", Mat. Res. Soc. Symp. Proc. (2001), Volume 666	<input type="checkbox"/>
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